

3/4/02

L1 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2002 ACS
AN 2002:84071 HCAPLUS
DN 136:137398
TI Solid state p-n heterojunction sensitized photovoltaic solar cell with
electron and hole conductors
IN Graetzel, Michael; Plass, Robert; Bach, Udo
PA Ecole Polytechnique Federale de Lausanne (EPFL), Switz.
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA English
IC ICM H01L051-20
ICS H01G009-20
CC 52-2 (Electrochemical, Radiational, and Thermal Energy Technology)
Section cross-reference(s): 74, 76

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1176646	A1	20020130	EP 2000-810681	20000728 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	US 2002017656	A1	20020214	US 2001-918115	20010730 <--
PRAI	EP 2000-810681	A	20000728	<--	
AB	A solid state p-n heterojunction comprises an electron conductor and a hole conductor; it further comprises a sensitizing semiconductor, the sensitizing semiconductor being located at an interface between the electron conductor and the hole conductor. In particular, the sensitizing semiconductor is in form of quantum-dots. A solid state sensitized photovoltaic cell comprises such a layered heterojunction between two electrodes.				
ST	solar photovoltaic cell solid state sensitized; electron hole conductor				

Jacob, Rebecca (ASRC)

385774

From: STIC-ILL
Sent: Monday, March 04, 2002 12:52 PM
To: Jacob, Rebecca (ASRC)
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From: Bates, Darcy
Sent: Monday, March 04, 2002 12:13 PM
To: STIC-ILL
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Title: CdTe and CdS as Extremely Thin Absorber Material in an eta-solar Cell (eta)
Author(s): Siebentritt, S.; Ernst, K.; Fischer, C.-H.; Koenenkamp, R.
CONFERENCE: European photovoltaic solar energy conference-14th
Source: EUROPEAN PHOTOVOLTAIC SOLAR ENERGY CONFERENCE, 1997; VOL 2 P: 1823-1826
H.S. Stephens & Associates, 1997
ISBN: 1901675035; 1901675027
LANGUAGE: English **DOCUMENT TYPE:** Conference Papers
CONFERENCE EDITOR(S): Ossenbrink, H. A.; Helm, P.; Ehmann, H.
CONFERENCE LOCATION: Barcelona, Spain
CONFERENCE DATE: Jun 1997 (199706) (199706)

2

Title: Transparent p-type Semiconductors for the ETA Solar Cell with Extremely Thin Absorber
Author(s): Rost, C.; Ernst, K.; Siebentritt, S.; Koenenkamp, R.
CONFERENCE: Photovoltaic solar energy conversion-World conference; 2nd P: 212-215
European Commission, 1998
ISBN: 9282851796
LANGUAGE: English **DOCUMENT TYPE:** Conference Papers
CONFERENCE EDITOR(S): Schmid, J.
CONFERENCE LOCATION: Vienna
CONFERENCE DATE: Jul 1998 (199807) (199807)

Thank you,

Darcy Bates

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